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m: LCARPENTER

MODIS.DATA.TEAM

bj: MODIS SDST Minutes 04/03/92

MODIS Science Data Support Team (SDST) Meeting Minutes 04/03/92

TENDEES:   Lloyd Carpenter       RDC    982-3708  
          Larry Fishtahler       CSC    464-3385  
          Al Fleig               900    286-7747  
          Tom Goff               RDC    982-3704  
          Liam Gumley           RDC    982-3748  
          Janine Harrison       920    286-5324  
          Ed Masuoka           920    286-7608  
          Jim Ormsby           974    286-6811  
          Shahin Samadi       920.2/RMS   286-8510  
          Steve Ungar       923/MCST   286-4007  
          Lalit Wanchoo       STX    513 1682  
          Will Webster       920.2    286-4506

XT MEETING:   Date           Time    Building   Room  
          Friday, April 10   10:00 am   22       G95

PICS:

SCHEDULE FOR PM ALGORITHMS: The SDST must see if there are algorithms for the MODIS PM instrument data which are different from the AM algorithms. If so, we must generate a schedule for PM algorithm development based upon the PM launch date.

TEST DATA SETS: Input data sets will be needed to test MODIS algorithms before launch. Putting radiances from different instruments together in a way that will provide a meaningful test of the MODIS processing is not a trivial task. SDST members should give this some thought.

MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley presented a status report on the MAS. New visible calibration data are being developed by Tom Arnold (GSFC). When the new calibration data are available, all MAS FIRE data will be reprocessed with the update, and with subtle bugs removed from the software.

A complete set of the current MAS Level-1 software was transferred to Sol Broder's account on the LTP/IRIS2. Input data were also provided.

A new Exabyte 8 mm aircraft data system is planned to be used for the ASTEX mission. The INS data will be merged with the MAS instrument data in the new format. It is not yet known whether the Level-0 data can be supplied to GSFC on Exabyte tape.

Simon Hook (JPL) of the ASTER team transferred a sample image of MAS data and displayed it on his system without problems.

REVISION CONTROL SYSTEM: Tom Goff reported on the Free Software Foundation, Inc. Revision Control System (RCS) program which handles automatic revision stamping and change control of files on a UNIX (or MS-DOS) system. When the LTP SGI IRIS operation update is completed, it would be very desirable to install the RCS and have it available to all LTP computer users. The SDST should have a configuration management system in place when we have software to control.

RISKS IN PORTING ALGORITHMS: Lloyd Carpenter presented a draft list of things which will increase the risks in porting algorithms to the TLCP/PGS. The items should be phrased in a more positive way, and an "Operability" category should be added. An expanded and related list of MODIS SDST deliverables was also presented.

#### TION ITEMS:

17/92 [Tom Goff]: Have a polished version (with peer review) of the file dump routine ready for the MODIS Science Team Meeting. Copies of the finished version together with RDC internal review comments are in the hands of the SDST software review committee. The review is scheduled for Monday, April 6, 1992) STATUS: Open. Due date 04/01/92.

21/92 [Ed Masuoka]: Talk to Code 930 and find out what tools they have for porting data between computers from different vendors. (I provided a written report at the meeting.) STATUS: Closed. Due date 03/13/92.

21/92 [Lloyd Carpenter and Team]: Identify a list of risks associated with porting Team Members' algorithms to the PGS. Prepare the discussion at the Science Team Meeting. (A draft version of the list was included in the handout.) STATUS: Open. Due date 04/01/92.

20/92 [Lloyd Carpenter]: Gather the MODIS Data Product Attributes information, and write a cover letter to Team Members for updating information, and discussion at the Team Meeting. (An updated version was delivered.) STATUS: Open. Due date 03/27/92.

03/92 [Team]: Provide comments and questions (to Jim Ormsby and Al Fleig) on geolocation and registration (for discussion with the team). STATUS: Open. Due date 04/10/92.

03/92 [Team]: Provide comments to Jim Ormsby on the MODIS-N SDST Glossary of Definitions (handed out at the 02/28/92 meeting). STATUS: Open. Due date 04/10/92.